

LISTING OF CLAIMS:

1-64. (canceled)

65. (currently amended) A purified HIV-1 virus,

wherein said virus encodes an HIV-1_{ELI} variant Env protein having ~~an amino-acid sequence comprising amino acid residues that are not present in the amino acid sequence of HIV-1_{BRU} or HIV-1_{ARV-2} Env proteins,~~

~~wherein said the following amino acid residues; are~~

~~S⁶³, E⁶⁵, I⁷¹, I⁸⁷, E⁹⁰, D²⁴⁵, K²⁴⁷, and E⁵²⁶,~~

~~wherein said amino acid residues are set forth as described in Figures 3E and 3F.~~

66. (currently amended) The purified virus of claim 65,

wherein said HIV-1_{ELI} variant Env protein has the following amino acid residues; are

S⁶³, E⁶⁵, I⁷¹, I⁸⁷, A/E⁸⁸, E⁹⁰, D²⁴⁵, K²⁴⁷, I/M²⁸⁶, Q/R⁵⁰⁹, E⁵²⁶, and K/Q⁶⁹⁷,

wherein said amino acid residues are set forth as described in Figures 3E and 3F.

67. (currently amended) The purified virus of claim 65,

wherein said HIV-1_{ELI} variant Env protein has the following amino acid residues; are

S⁶³, E⁶⁵, A⁶⁸, I⁷¹, I⁸⁷, A/E⁸⁸, E⁹⁰, A²¹⁵, R²⁴⁴, D²⁴⁵, K²⁴⁷, I/M²⁸⁶, Q/R⁵⁰⁹, R⁵¹⁹, E⁵²⁶, and K/Q⁶⁹⁷,

wherein said amino acid residues are set forth as described in Figures 3E and

3F.